# SH test Bernese, is it important?

The SH test has now been around for seven years. It has been supplemented with the breeding tool HSIMS, which is available on Antagenes' website and is free to use in breeding planning.

We all know that our Bernese often get cancer, one of these cancers is Histiocytic sarcoma. Which affects 15% of our Bernese.

We probably want more people to be able to enjoy a veteran in the future. Then maybe it does not help to show pictures that there are veterans without also working with the reason why only 30% of our dogs reach 10 years.

Now we have the chance to hopefully get more people to reach this respectable age, but we can only do that together and only if everyone SH-tests their breeding animals, both bitches and male dogs.

Why is it then so sluggish, it is for fear of finding out the answer to the test - probably not, because everyone can be used in breeding and it is very important to keep the breeding base. Now it is extra promising when we have HSIMS as an aid to find a suitable combination. That combination must, of course, take into account all the components of a wise breeding plan.

I have long wondered how puppy buyers think about this when planning to buy a puppy.

***Right now we are planning breeding a future mating. We have found three males that we think would suit our bitch. Then we have taken into account exterior, temperament, ED / HD, early diseases in the pedigree, disadvantages of our own bitch that we do not want to double on etc,***

***Now it's time to use HSIMS to see what the combinations will be in terms of the probability as a percentage of the puppies of A, B or C. That answer may be part of our overall assessment of the choice of male. Here is the result we have to take into account:***

***If our bitch is mated with male number 1 becomes the static calculation of the offspring:***

| | |
|---|---|
| Index A | 0% |
| Index B | 50% |
| Index C | 50% |

***If our bitch is mated with male number 2 becomes the static calculation of the offspring:***

| | |
|---|---|
| Index A | 50% |
| Index B | 25% |
| Index C | 25% |

***If our bitch is mated with male number 3 becomes the static calculation of the offspring:***

| | |
|---|---|
| Index A | 63% |
| Index B | 31% |
| Index C | 6% |

***An example of how we can use HSIMS***